

Claims

1. A method of producing a vehicle steering wheel, said method comprising the following steps:

5 a) producing a one-piece steering wheel skeleton having a hub, at least one spoke and a steering wheel rim by one of casting and injection-molding,

b) gluing an intermediate layer made of soft foam directly onto said steering wheel rim and

10 c) covering said intermediate layer with leather in that said leather is glued directly onto said intermediate layer.

2. A method of producing a vehicle steering wheel, said method comprising the following steps:

a) producing a one-piece steering wheel skeleton having a hub, at least one spoke and a steering wheel rim by one of casting and injection-molding, and

15 b) gluing a cover consisting of an inner intermediate layer made of soft foam and consisting of an outer covering made of leather with an inside directly onto said steering wheel rim.

20 3. The method according to Claim 1, wherein, during one of said casting and injection-molding processes, said steering wheel rim is provided with recesses over which said intermediate layer made of soft foam is applied.

4. The method according to Claim 2, wherein, during one of said casting and injection-molding processes, said steering wheel rim is provided with recesses over which said intermediate layer made of soft foam is applied.

5. The method according to Claim 3, wherein said recesses are provided on opposite sides of said steering wheel rim, with respect to a cross-section of said steering wheel rim.

6. The method according to Claim 4, wherein said recesses are provided on  
5 opposite sides of said steering wheel rim, with respect to a cross-section of said steering wheel rim.

7. The method according to Claim 5, wherein projections are formed on said steering wheel rim which extend approximately radially with respect to said cross-section of said steering wheel rim.

10 8. The method according to Claim 6, wherein projections are formed on said steering wheel rim which extend approximately radially with respect to said cross-section of said steering wheel rim.

9. The method according to Claim 7, wherein said projections are bent in a deburring press, so that they cover said recesses.

15 10. The method according to Claim 8, wherein said projections are bent in a deburring press, so that they cover said recesses.

11. The method according to Claim 1, wherein said steering wheel rim defines an outer geometry of said steering wheel rim covered with leather and with said intermediate layer.

20 12. The method according to Claim 11, wherein said intermediate layer and said leather covering have a constant thickness.

13. The method according to Claim 1, wherein said steering wheel skeleton is made as one of an aluminum and magnesium pressure die-cast skeleton.

25 14. The method according to Claim 2, wherein said steering wheel skeleton is made as one of an aluminum and magnesium pressure die-cast skeleton.

15. A vehicle steering wheel, comprising

a one-piece steering wheel skeleton having a hub, at least one spoke and a steering wheel rim,

5        said steering wheel rim being covered by a pre-manufactured intermediate layer made of soft foam and by leather, said intermediate layer being attached directly to said steering wheel rim and said leather being attached directly to said intermediate layer.

16. The vehicle steering wheel according to Claim 15, wherein said intermediate layer and said leather are attached by gluing.

10        17. The vehicle steering wheel according to Claim 15, wherein at least one of said intermediate layer and said leather has a constant thickness.

18. The vehicle steering wheel according to Claim 15, wherein, at least on an underside, said steering wheel rim has numerous recesses which are covered by said intermediate layer and by said leather.

15        19. The vehicle steering wheel according to Claim 18, wherein a plurality of projections is provided on said underside, which cover said recesses.

20. The vehicle steering wheel according to Claim 18, wherein said recesses are divided by webs.